see sheet for
flounder analyses (separate)

TA65
F04304-4355
F0604-699

2377

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2377	032	6	17	74	24AL	35 00	76 03

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0006	—	—	14	017	N	NE	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SA	S	FT	060	—	14	120

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00500	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H6	3L1			PO	DO
START	35° 00'	76° 03'	1353	4844	6		1426	1427
							PU	ON
FINISH	34° 59'	76° 08'	1414	4853	5		1627	1630

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
50	950/5 2	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

P. dentatus (combined 2373-2377)

1 sturgeon captured - retained for Duke

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R/V DAN MOORE SPECIES LIST

STATION NUMBER 2377 DATE JAN 17 1974 IDENTIFIED BY BEH ABP

TOTAL CATCH WT. 500# SUBSAMPLE WT. ____ NO. BASKETS ____

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
Paralichthys dentatus		50#	Combined w̄ 2373-2377
Peprilus triacanthus			
Mustelis canis			
Urophycis regius			
Rhinoptera bonasus			
Dasyatis sp.			
Raja eglanteria			
Torpedo nobiliana		150#	
Micropogon undulatus			
Menticirrhus americanus			
M. saxatilis			
Peprilus alepidotus			
Lophius americana			
Carcharhinus obscurus			
Acipenser oxyrhyncus		3	

*Include type of data taken, i.e length,weight,scales,gonads,saved for identification,etc.

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	[illegible]	Age	Gonad Stage	Station Number	Remarks	
1-1	437 ✓	♂	✓	—				—	2353 2354	WT. in grams	Area III
1-2	520 ✓	♀	—	✓				III (21.7)	"		Jan 1974
1-3	417 ✓	♂	✓	—				—	"		
1-4	172 (SL)	♂	✓	—				—	"		See Below
1-5	520 ✓	♀	✓	✓				III (20.1)	"		
1-6	501 ✓	♀	✓	✓				III (31.7)	"		
1-7	430 ✓	♀	✓	✓				III (21.6)	"		
1-8	376 ✓	♂	✓	—				—	"		
1-9	400 ✓	♀	✓	✓				III (11.7)	"		
1-10	725 ✓	♀	✓	✓				III (214.5)	2358 –	2361	Blood vessels present No eggs seen though
1-11	55[illegible] ✓	♀	✓	✓				III (65.6)	Area VII		- see below
1-12	38[illegible] ✓	♀	✓	✓				I or II (5.6)	Jan 1974		Probably a virgin
1-13	430 ✓	♀	✓	✓				III (18.0)	2373 –	2377	Area III
1-14	388 ✓	♀	—	✓				III (15.2)			Jan 1974
1-15	328 ✓	♂	✓	—				Blood Vessels			Appears mature
1-16	[illegible] ✓	♂	✓	—				Blood Vessels			do.
1-17	335 ✓	♂	✓	—				"	"		do
1-18	347 ✓	♂	✓	—				"	"		do
1-19	406 ✓	♂	✓	—				"	"		do
1-20	420 ✓	♂	✓	—				"	"		do
1-21	242 ✓	♂	✓	—				—	"	149 grams	
1-22	317 ✓	♀	✓	✓				III (9.0)	"	309	
1-23	319 ✓	♂	✓	—				—	"	328	
1-24	335 ✓	♂	✓	—				—	"	388	
1-25	308 ✓	♂	✓	—				—	"	284	
1-26	305 ✓	♀	✓	✓				I	"	290	
1-27	330 ✓	♂	✓	—				—	"	410	
1-28	329 ✓	♂	✓	—				—	"	390	
1-29	305 ✓	♂	✓	—				—	"	320	
1-30	251 ✓	♂	✓	—				—	"	180	
1-31	190 (SL)	♀	✓	—				I	"	—	230 TL
1-32	186 ✓	♂	✓	—				—	"	70	
1-33	168 (SL)	♂	✓	—				—	"	100	204 TL
1-34	179 ✓	♀	✓	—				I	"	60	
									2365 -	2366	Area I
1-35	205 ✓	♂	✓	—				—	"	110	Jan 1974
1-36	220 ✓	♂	✓	—				—	"	120	
1-37	178 ✓	♂	✓	—				—	"	60	
1-38	177 ✓	♂	✓	—				—	"	60	
1-39	210 ✓	♀	✓	—				I	"	100	
1-40	209 ✓	♀	✓	—				I	"	110	
1-41	207 ✓	♀	✓	—				I	"	110	
1-42	207 ✓	♀	✓	—				I	"	100	
1-43	207 ✓	♀	✓	—				I	"	100	
1-44	164 ✓	♂	✓	—				—	"	50	
1-45	202 ✓	♀	✓	—				I	"	90	
1-46	185 ✓	♂	✓	—				—	"	80	
1-47	176 ✓	♀	✓	—				I	"	65	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2373 -2377 Tot. Fish Captured 170

Date 1- 17 -74 Tot. Fish Tagged 148

Area of Release 2 miles offshore Swash Inlet No. Retained for analysis 22

LORAN Start 3H6 1206 3L1 4835 7fms Gear Type #41 Yankee Trawl 070

Finish 1414 4853 5fms # 36 Yankee Trawl 060

Area III

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
F4304			211	P. dentatus	
F4305			210	"	
F4306			224	"	
F4307			235	"	
F4308			181	"	
F4309			328	"	
F4310			344	"	
F4311			255	"	
F4312			222	"	
F4313			276	"	
F4314			318	"	
F4315			355	"	
F4316			292	"	
F4317			258	"	
F4318			331	"	
F4319			212	"	
F4320			252	"	
F4321			303	"	
F4322			280	"	
F4323			240	"	
F4324 (SL)			(185) 224 TL	"	224 TL
F4325			201	"	
F4326			230	"	
F4327			250	"	
F4328			212	"	
F4329			212	"	
F4330			303	"	
F4331			230	"	
F4332			229	"	
F4333			292	"	
F4334			215	"	
F0604			473	"	
F0605			410	"	
F0606			341	"	
F0607			335	"	
F0608			392	"	
F0609			408	"	
F0610			350	"	
F0611			368	"	
F0612			343	"	

Station No.

Date

Area of Release

Locat

Start

Finish

Weight

TAG. NO. Loc.

12
21
610
1034

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2313 - 2322 cont
Date ______
Area of Release ______
LORAN Start ______ ______
Finish ______ ______

Tot. Fish Captured ______
Tot. Fish Tagged ______
No. Retained for analysis ______
Gear Type ______

TAG. NO.	Weight Lbs. Ozs.	F.L. (cm)	Species	Remarks
F0613		383	P. dentatus	
F0614		463	"	
F0615		398	"	
F0616		352	"	
F0617		333	"	
F0618		479	"	
F0619		395	"	
F0620		332	"	
F0621		380	"	
F0622		398	"	
F0623		338	"	
F0624		388	"	
F0625		358	"	
F0626		377	"	
F0627		421	"	
F0628		—	"	
F0629		362	"	
F0630		330	"	
F0631		352	"	
F0632		352	"	
F0633		350	"	
F0634		380	"	Recaptured 12/[illegible] [illegible]
F0635		361	"	
F0636		360	"	
F0637		451	"	
F0638		413	"	
F0639		405	"	
F0640		375	"	
F0641		338	"	
F0642		348	"	
F0643		397	"	
F0644		345	"	
F0645		325	"	
F0646		402	"	
F0647		485	"	
F0648		533	"	
F0649		426	"	
F0650		495	"	
F0651		417	"	
F0652		385	"	
F0653		538	"	
F0654		477	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2373 - 2377 con't

Date

Area of Release

LORAN Start

Finish

Tot. Fish Captured

Tot. Fish Tagged

No. Retained for analysis

Gear Type

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
F0655			448	P dentatus	
F0656			454	〃	
F0657			412	〃	
F0658			330	〃	
F0659			315	〃	
F0660			421	〃	
F0661			401	〃	
F0662			442	〃	
F0663			345	〃	
F0664			354	〃	
F0665			417	〃	
F0666			365	〃	
F0667			356	〃	
F0668			407	〃	
F0669			376	〃	
F0670			425	〃	
F0671			318	〃	
F0672			345	〃	
F0673			390	〃	
F0674			346	〃	
F0675			335	〃	
F0676			340	〃	
F0677			332	〃	
F0678			310	〃	
F0679			355	〃	
F0680			413	〃	
F0681			347	〃	
F0682			333	〃	
F0683			332	〃	
F0684			316	〃	
F0685			347	〃	
F0686			- 327	〃	
F0687			326	〃	
F0688			377	〃	
F0689			310	〃	
F0690			352	〃	
F0691			323	〃	
F0692			315	〃	
F0693			315	〃	
F0694			338	〃	
F0695			317	〃	
F0696			311	〃	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2373 - 2377 CONT

Date ______

Area of Release ______

LORAN Start ______ ______

Finish ______ ______

Tot. Fish Captured ______

Tot. Fish Tagged ______

No. Retained for analysis ______

Gear Type ______

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
F0697			287	P. denTATus	
F0698			315	"	
F0699			280	"	
F4335			273	"	
F4336			240	"	
F4337			242	"	
F4338			232	"	
F4339			217	"	
F4340			227	"	
F4341			204	"	
F4342			265	"	
F4343			254	"	
F4344			261	"	
F4345			254	"	
F4346			215	"	
F4347			227	"	
F4348			231	"	
F4349			203	"	
F4350			204	"	
F4351			229	"	
F4352			205	"	
F4353			265	"	
F4354			195	"	
F4355			216	"	

24

Station No.

of Release

2377